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Fax Cover Sheet

Date: 10 Oct 2001

To: Paul Veravanich	From: Diana B. Johannsen
Application/Control Number: 09/499,006	Art Unit: 1655
Fax No.: (949)567-6600	Phone No.: 703/305-0761
Voice No.: (949)567-2300	Return Fax No.: 703/308-8724
Re:	CC:

☐ Urgent ☐ For Review ☐ For Comment ☐ For Reply ☐ Per Your Request

Comments:
Interview Summary.



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Number of pages 3 including this page

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Assistant Commissioner for Patents

file copy

Interview Summary	Application No. 09/499,006	Applicant(s) BAGGOT, DR. PADDY JIM	
	Examiner Diana B. Johannsen	Art Unit 1655	

All participants (applicant, applicant's representative, PTO personnel):

(1) Diana Johannsen.

(3) Paddy Jim Baggot.

(2) Paul Veravanich.

(4) _____.

Date of Interview: 10/10/01.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
If Yes, brief description: _____.

Claim(s) discussed: all pending.

Identification of prior art discussed: Galjaard (Ballieres Clin. Obst. Gyn. 1(3):547-567 [9/1987]).

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

i) ☐ It is not necessary for applicant to provide a separate record of the substance of the interview(if box is checked).

Unless the paragraph above has been checked, THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Diana P. Johannsen 10/10/01
Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Proposed amendments to the claims were discussed briefly, with the examiner noting that it remains unclear as to whether the claims are intended to encompass, e.g., methods of comparing metabolite levels to look for correlations with chromosomal abnormalities, methods of identifying/treating particular chromosomal abnormalities based on the presence of particular patterns of metabolite levels, etc. Applicant's representative noted that one embodiment of the invention involved comparing patterns of metabolite levels in normal individuals with patterns in individuals known to have a chromosomal abnormality. Dr. Baggot provided an overview of the invention, noting that the invention differs from the art in that it does not involve detecting abnormalities in the level of one metabolite as an indicator of a particular disease related to defects in a single enzyme. Dr. Baggot indicated that the invention requires detection of a multitude of metabolites in order to provide a comprehensive picture of the state of a patient, and noted that the invention might be used in drawing preliminary conclusions regarding an abnormality in a patient that could subsequently be verified by, e.g., chromosomal analysis. The examiner noted that claims limited to detection of particular, novel combinations of metabolites (e.g., the combination of claim 4) as indicators of Down Syndrome could be considered after final and might be allowable pending an updated search, but that the invention as described by Dr. Baggot differed from the claimed invention and consideration of claims drawn to this invention would require further search and consideration. The examiner also noted that claims requiring detection of, e.g., at least two of the metabolites of claim 4 would require a search of each combination to determine whether each combination was novel and non-obvious. .